## **EXHIBIT 4**

## FILED UNDER SEAL

### Case 3:20-cv-06754-WHA Document 863-3 Filed 09/05/23 Page 2 of 6 HIGHLY CONFIDENTIAL - ATTORNEYS' EYES ONLY

1	UNITED STATES DISTRICT COURT
2	FOR THE NORTHERN DISTRICT OF CALIFORNIA
3	SONOS, INC.,
4	Plaintiff,
5	vs. Case No. 3:21-CV-07559-WHA
6	GOOGLE LLC,
	Defendant.
7	x
8	-AND-
9 10	UNITED STATES DISTRICT COURT
11	FOR THE NORTHERN DISTRICT OF CALIFORNIA
12	X
13	GOOGLE LLC,
14	Plaintiff,
15	vs. Case No. 3:20-CV-06754-WHA
16	SONOS, INC.,
	Defendant.
17	x
18	*HIGHLY CONFIDENTIAL - ATTORNEYS' EYES ONLY*
19	
20	REMOTE VIDEOTAPED DEPOSITION BY VIRTUAL ZOOM OF
21	DOUGLAS SCHMIDT
22	Thursday, February 2, 2023
23	
24	Reported By: Lynne Ledanois, CSR 6811
25	Job No. 5686109
	Page 1

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1			
	A Let's see. The devices that I tested for 12:22PM	1	provided by a cloud-based computing system 12:26PM
2	this the tests that I mention here were the ones	2	associated with a cloud-based media service'."
3	that are described in the Section 9 entitled "Overview	3	Do you see that?
4	of Testing" appearing towards the bottom of Page 31.	4	A I do.
5	Q Okay. And it's your opinion that you 12:23PM	5	Q Is that still your opinion? 12:26PM
6	don't need to test every one of the accused devices	6	A I believe so. I talk about that in more
7	in order to provide an infringement opinion; is that	7	detail in hold on a second. I show other examples
8	right?	8	of this in other parts of my other reports.
9	A Let's see where I say that. I'm not sure if	9	Q But I guess my question: So that's still
10	I say that but 12:23PM	10	your opinion, though; right? 12:26PM
11	Q I'm just asking for your opinion.	11	A Right. As I say, in my reply report in
12	Do you need to test every single accused	12	Paragraph 49 I show some a nice example of this
13	device in order to render an opinion regarding the	13	where there is a sort of a projection or subset or
14	infringement or non-infringement of the accused	14	window of sections of the Watch Next queue which is
15	YouTube application? 12:23PM	15	available on the YouTube Sender, but that's just a 12:27PM
16	A So based on the material in Paragraph 110	16	projection from the actual Watch Next queue that I
17	that we talked about before, it's my understanding,	17	reference in other parts of my report referring to the
18	based on the documents I reviewed, the testimony that	18	remote playback queue.
	I read from various Google witnesses in this case that	19	Q Can a device that stores a local playback
	there is no relevant functionality of the no 12:24PM	20	queue also be configured for a playback of a remote 12:27PM
	relevant functional differences between the different	21	playback queue?
22	OS versions and there's also no relevant differences	22	MR. LEE: Objection, form.
	between the functionality of the accused casting and	23	THE WITNESS: I'm not sure what you mean.
	stream transfer technologies within the period that we	24	BY MR. HEFAZI:
	were discussing here, which was September 2020. 12:24PM	25	Q So if a user device stores a local 12:27PM
	Page 122	23	Page 124
1	So based on that, I have not seen Google 12:24PM	1	playback queue, can it also be configured for 12:27PM
2	claim that there's differences between the different	2	playback of a remote playback queue?
3	1 1 7 1 1 1 1 1 1 1 1 1 1		
	devices, so I don't believe that I would have to	3	MR. LEE: Same objection.
4	test each and every one of them in order to find the	3 4	MR. LEE: Same objection.  THE WITNESS: Well, again, I think that
4 5			*
	test each and every one of them in order to find the	4	THE WITNESS: Well, again, I think that
5	test each and every one of them in order to find the same behavior. 12:24PM	4 5	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more 12:27PM
5 6	test each and every one of them in order to find the same behavior. 12:24PM Q Okay.	4 5 6	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which
5 6 7	test each and every one of them in order to find the same behavior. 12:24PM  Q Okay.  A Relative to the infringement claims that are	4 5 6 7	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube
5 6 7 8 9	test each and every one of them in order to find the same behavior. 12:24PM  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other	4 5 6 7 8	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more 12:27PM detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where
5 6 7 8 9	test each and every one of them in order to find the same behavior. 12:24PM  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement	4 5 6 7 8 9	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more 12:27PM detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long
5 6 7 8 9 10	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM	4 5 6 7 8 9	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more 12:27PM detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple 12:28PM
5 6 7 8 9 10 11	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report	4 5 6 7 8 9 10	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more 12:27PM detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple 12:28PM calls to the Watch Next cloud server, part of the
5 6 7 8 9 10 11 12	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.	4 5 6 7 8 9 10 11 12	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more 12:27PM detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple alls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to
5 6 7 8 9 10 11 12 13	test each and every one of them in order to find the same behavior. 12:24PM  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims. 12:25PM  Q Okay. Let's go back to opening reportyour opening report.  A Okay.  Q If you this is Exhibit 2. If you can	4 5 6 7 8 9 10 11 12 13	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more 12:27PM detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple 12:28PM calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to pbtain windows or sections of the Watch Next queue. And the diagram there basically shows I
5 6 7 8 9 10 11 12 13	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening reportyour opening report.  A Okay.  Q If you this is Exhibit 2. If you can	4 5 6 7 8 9 10 11 12 13 14	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more 12:27PM detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to pbtain windows or sections of the Watch Next queue.  And the diagram there basically shows I think as an example where there is a sort of a local 12:28PM
5 6 7 8 9 10 11 12 13 14 15	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.  Q If you this is Exhibit 2. If you can go to Paragraph 480.  A I'm there.	4 5 6 7 8 9 10 11 12 13 14 15	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to obtain windows or sections of the Watch Next queue.  And the diagram there basically shows I think as an example where there is a sort of a local portion of this queue that's on the client device.
5 6 7 8 9 10 11 12 13 14 15 16	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.  Q If you this is Exhibit 2. If you can go to Paragraph 480.  12:25PM  A I'm there.  Q You say in this paragraph, I'm looking at	4 5 6 7 8 9 10 11 12 13 14 15 16	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more 12:27PM detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple alls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to obtain windows or sections of the Watch Next queue.  And the diagram there basically shows I think as an example where there is a sort of a local portion of this queue that's on the client device.  The Witness of the Watch Next queue.  And the diagram there there is a sort of a local portion of this queue that's on the client device.
5 6 7 8 9 10 11 12 13 14 15 16 17 18	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.  Q If you this is Exhibit 2. If you can go to Paragraph 480.  12:25PM  A I'm there.  Q You say in this paragraph, I'm looking at the third sentence, "just because a sender device	4 5 6 7 8 9 10 11 12 13 14 15 16 17	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to pbtain windows or sections of the Watch Next queue. And the diagram there basically shows I think as an example where there is a sort of a local portion of this queue that's on the client device.  the sender, and that's being fed by making calls to the Watch Next Watch Next request and the
5 6 7 8 9 10 11 12 13 14 15 16 17 18	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.  Q If you this is Exhibit 2. If you can go to Paragraph 480.  12:25PM  A I'm there.  Q You say in this paragraph, I'm looking at the third sentence, "just because a sender device might maintain a local copy of a queue does not	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to pbtain windows or sections of the Watch Next queue.  And the diagram there basically shows I think as an example where there is a sort of a local portion of this queue that's on the client device the sender, and that's being fed by making calls to the Watch Next Watch Next request and the GetWatchNext responses and so on that are taking
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.  Q If you this is Exhibit 2. If you can go to Paragraph 480.  12:25PM  A I'm there.  Q You say in this paragraph, I'm looking at the third sentence, "just because a sender device might maintain a local copy of a queue does not necessarily mean that there is not also" sorry, 12:25PM	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to bbtain windows or sections of the Watch Next queue.  And the diagram there basically shows I think as an example where there is a sort of a local portion of this queue that's on the client device. the sender, and that's being fed by making calls to the Watch Next Watch Next request and the GetWatchNext responses and so on that are taking place here to allow the remote playback queue to 12:29PM
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.  Q If you this is Exhibit 2. If you can go to Paragraph 480.  12:25PM  A I'm there.  Q You say in this paragraph, I'm looking at the third sentence, "just because a sender device might maintain a local copy of a queue does not necessarily mean that there is not also" sorry, 12:25PM strike that. Let me read this again.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to pbtain windows or sections of the Watch Next queue.  And the diagram there basically shows I think as an example where there is a sort of a local bortion of this queue that's on the client device. the sender, and that's being fed by making calls to the Watch Next Watch Next request and the GetWatchNext responses and so on that are taking place here to allow the remote playback queue to present an endless set of videos which are then
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.  Q If you this is Exhibit 2. If you can go to Paragraph 480.  12:25PM  A I'm there.  Q You say in this paragraph, I'm looking at the third sentence, "just because a sender device might maintain a local copy of a queue does not necessarily mean that there is not also" sorry, strike that. Let me read this again.  You say in Paragraph 480 of your opening	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to pbtain windows or sections of the Watch Next queue.  And the diagram there basically shows I think as an example where there is a sort of a local portion of this queue that's on the client device the sender, and that's being fed by making calls to the Watch Next Watch Next request and the GetWatchNext responses and so on that are taking place here to allow the remote playback queue to provided back to the client as a subset of that
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.  Q If you this is Exhibit 2. If you can go to Paragraph 480.  12:25PM  A I'm there.  Q You say in this paragraph, I'm looking at the third sentence, "just because a sender device might maintain a local copy of a queue does not necessarily mean that there is not also" sorry, strike that. Let me read this again.  You say in Paragraph 480 of your opening report, "just because a sender device might maintain	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to pbtain windows or sections of the Watch Next queue.  And the diagram there basically shows I think as an example where there is a sort of a local portion of this queue that's on the client device.  the sender, and that's being fed by making calls to the Watch Next Watch Next request and the GetWatchNext responses and so on that are taking place here to allow the remote playback queue to present an endless set of videos which are then provided back to the client as a subset of that overall as windows into the overall queue.
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	test each and every one of them in order to find the same behavior.  Q Okay.  A Relative to the infringement claims that are at issue in this case. There could be other differences that are unrelated to the infringement claims.  12:25PM  Q Okay. Let's go back to opening report your opening report.  A Okay.  Q If you this is Exhibit 2. If you can go to Paragraph 480.  12:25PM  A I'm there.  Q You say in this paragraph, I'm looking at the third sentence, "just because a sender device might maintain a local copy of a queue does not necessarily mean that there is not also" sorry, strike that. Let me read this again.  You say in Paragraph 480 of your opening	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	THE WITNESS: Well, again, I think that that is I think that's explained or shown in more that is I think that's explained or shown in more detail on Paragraph 49 in my reply report which demonstrates a scenario where there is a YouTube Sender this is based on Google's documents, where a YouTube Sender initiates playback from a long playlist in which the sender has to make multiple calls to the Watch Next cloud server, part of the Watch Next queue as I refer to in my reports, to pbtain windows or sections of the Watch Next queue.  And the diagram there basically shows I think as an example where there is a sort of a local portion of this queue that's on the client device the sender, and that's being fed by making calls to the Watch Next Watch Next request and the GetWatchNext responses and so on that are taking place here to allow the remote playback queue to provided back to the client as a subset of that

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1	A I'm there. 12:35PM	1	That's basically what's shown in the 12:39PM
2	Q Do you see it says, "the Sender's local	2	diagram. And it's showing how the calls have to go
3	queue is loaded with one or more 'video IDs' for the	3	back to the cloud to the Watch Next queue in order
4	initial user-selected media item or collection of	4	to obtain the next round of elements.
5	media items and one or more video IDs for 12:36PM	5	BY MR. HEFAZI: 12:39PM
6	service-recommended items seeded by the initial user	6	Q Can a device be configured for play back
7	selection." Correct?	7	of a remote playback queue and a local playback
8	A I see what it says, yes.	8	queue at the same time?
9	Q The sender refers to a user device with an	9	A Again, I'm not sure if I've offered an
10	accused YouTube application; right? 12:36PM	10	opinion in the context of the '033 patent as it 12:39PM
11	A So I think the discussion here on	11	relates to local playback queue versus remote playback
12	starting on Paragraphs 127 is materially the same to	12	queue.
13	the paragraphs I pointed you to earlier when you first	13	I think as I've said, there is a remote
14	asked me this line of questioning, which appeared on	14	playback queue as I've identified a number of times
15	Paragraph 49 in my reply report. 12:36PM	15	which is the so-called Watch Next queue as I talk 12:39PM
16	This is showing the projection or window I	16	about in Paragraph 128.
17	think it was called. You look at the figure at the	17	And there's also this thing that the
18	top of Page 38, it's showing how these are a window	18	YouTube sender has, which is a local queue, which is
19	or a subset of the contents that are being	19	loaded with video IDs it obtains from the remote
20	downloaded from the remote playback queue. 12:37PM	20	playback queue, the Watch Next queue. 12:39PM
21	I don't think I used the word "local	21	Q So you don't have an opinion about whether
22	playback queue" here. I think I referred to it as a	22	a device can be configured for playback on a local
23	local queue that's, as described in Paragraph 129,	23	playback queue and a remote playback queue at the
24	loaded with one or more video IDs for the initial	24	same time; is that right?
25	user-selected media. 12:37PM	25	A I don't recall having an opinion on that. 12:40PM
	Page 130		Page 132
1	And then I talk about how that's updated 12:37PM	1	If you can point me to somewhere in my report that 12:40PM
2	over time using various techniques.	2	uses those terms, I'll be happy to take a look at it.
3	Q So the accused YouTube applications store	3	But I think as I mentioned when we first
4	a local VQ on the mobile device; correct?	4	started talking about this, the material related to
5	MR. LEE: Objection to form. 12:37PM	5	that diagram, which again also occurs in my reply 12:40PM
6	THE REPORTER: Nima, did you say "VQ,"	6	report, demonstrates what I think I'm describing
7	Victor?	7	here about how there is a remote playback queue,
8	MR. HEFAZI: I don't actually remember.	8	which is the Watch Next queue, which is then used
9	Let me rephrase and reask the question.	9	to it's loaded with some window or some view into
10	Q A user device running the accused YouTube 12:38PM	10	the remote playback queue. 12:40PM
11	applications loads its local queue with items from a	11	Q Can a device be configured to play back
12	YouTube server; right?	12	both a local queue and a remote playback queue at
13	MR. LEE: Objection to form.	13	the same time?
14	THE WITNESS: So what is what is shown	14	MR. LEE: Objection, form.
15	here in the discussion on Pages 37 and 38 starting 12:38PM	15	THE WITNESS: I'm not sure what you mean 12:41PM
4		16	by that. Sorry, go ahead.
16	roughly around Paragraph 120 and continuing down to		
16 17	roughly around Paragraph 120 and continuing down to include Paragraph 129, based on the diagram from the	17	BY MR. HEFAZI:
		17 18	BY MR. HEFAZI:  Q You said that the accused YouTube
17	include Paragraph 129, based on the diagram from the		
17 18	include Paragraph 129, based on the diagram from the Google documentation, the sender's local queue,	18	Q You said that the accused YouTube
17 18 19	include Paragraph 129, based on the diagram from the Google documentation, the sender's local queue, which is the YouTube application, is often loaded	18 19	Q You said that the accused YouTube application had a local queue; right?
17 18 19 20	include Paragraph 129, based on the diagram from the Google documentation, the sender's local queue, which is the YouTube application, is often loaded with one or more video IDs for the initial 12:38PM	18 19 20	Q You said that the accused YouTube application had a local queue; right? A I think I show some examples of diagrams 12:41PM
17 18 19 20 21	include Paragraph 129, based on the diagram from the Google documentation, the sender's local queue, which is the YouTube application, is often loaded with one or more video IDs for the initial 12:38PM user-selected media item or a collection of media	18 19 20 21	Q You said that the accused YouTube application had a local queue; right?  A I think I show some examples of diagrams 12:41PM here from Google documentation that shows the way in
17 18 19 20 21 22	include Paragraph 129, based on the diagram from the Google documentation, the sender's local queue, which is the YouTube application, is often loaded with one or more video IDs for the initial 12:38PM user-selected media item or a collection of media items.	18 19 20 21 22	Q You said that the accused YouTube application had a local queue; right?  A I think I show some examples of diagrams 12:41PM here from Google documentation that shows the way in which this works in general.
17 18 19 20 21 22 23	include Paragraph 129, based on the diagram from the Google documentation, the sender's local queue, which is the YouTube application, is often loaded with one or more video IDs for the initial user-selected media item or a collection of media items.  And then also one or more video IDs for	18 19 20 21 22 23	Q You said that the accused YouTube application had a local queue; right?  A I think I show some examples of diagrams 12:41PM here from Google documentation that shows the way in which this works in general.  Q Okay. And so in your opinion, is the user

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1	showdown, the court disagreed with your 12:52PM	1	report, the opening report covers them. 12:55PM
2	interpretation of the term "playback queue" and your	2	And at the time of the opening report, I
3	infringement opinions?	3	was not really aware that Dr. B was going to try to
4	A So it's my understanding that there is a	4	come up with different interpretations of playback
5	court order that's at issue in the '033 patent, which 12:52PM	5	queue that were inconsistent with the court's order. 12:56PM
6	is what I've referred to a couple of times, about what	6	So when I discovered that after reading
7	constitutes a playback queue.	7	his opening report, which of course I didn't have
8	And that's the that's the construction	8	before I served my opening report, then I was more
9	that I have been applying in the context of the '033	9	explicit in reiterating what the court's order was
10	patent. So, yes, I'm aware of that. 12:53PM	10	and making it clear why I thought he was not 12:56PM
11	Q Let's go to Exhibit 2 real quick. And	11	being he was not conforming to those
12	then we can take a break. But I have a couple of	12	characteristics.
13	just final questions here.	13	But those characteristics are indeed
14	In Exhibit 2, you have a section called	14	embodied in my analysis in my opening report.
15	"Claim Construction" starting at Paragraph 112. 12:53PM	15	MR. HEFAZI: Okay. Let's take a break for 12:56PM
16	A All right. Let me go there.	16	lunch.
17	Yes, I see that.	17	THE VIDEOGRAPHER: We're off the record.
18	Q Does this section describe all of the		It's 12:56 p.m.
19	requirements of a playback queue under the court's	19	(Recess taken.)
20	construction? 12:53PM	20	THE VIDEOGRAPHER: We're back on the 1:33PM
21			record. It's 1:33 p.m.
		21	BY MR. HEFAZI:
22	that the court has ordered construe or involve a	22	
23	playback queue. As to whether that particular section	23	Q Now, Dr. Schmidt, the court construed the
24	describes them all, I'm not sure.	24	term "playback queue" as a list of multimedia
25	But the body of the corpus, the entirety 12:54PM Page 142	25	content selected for playback; is that correct? 1:34PM Page 144
1	of my opening report does indeed address all four of 12:54PM	1	A That's correct, with some other 1:34PM
2	the playback queue characteristics that were ordered	2	characteristics that we were talking about earlier.
3	by the court.	3	Q Okay. And we'll get to those in a second.
4	Q Do you mention any of those four	4	But to start, you stated for purposes of
5	characteristics in your section on claim 12:54PM	5	the '033 patent that you will be interpreting the 1:34PM
	construction here in the opening report?	6	court's construction as a list of one or more media
7	A Again, I don't recall whether I mentioned	7	items selected for playback; correct?
8	them in that section. But they appear throughout the	8	A So I think I noted this in my opening
9	opening report,		report, but in my reply report I also mention that the
10	Q Did you say anywhere in the opening report 12:54PM	10	'033 patent claims don't recite the term "multimedia 1:34PM
11	that the term "playback queue" has an additional set	11	content" as the as opposed to the '615 patent
12	of characteristics?	12	claims which did use the word "multimedia content."
13	A Again, as I describe the characteristics of	13	So the '033 patent claims talk about a
14	a playback queue throughout my analysis in my opening	14	media item and, therefore, I interpreted the court's
15	report, I touch on all four of the characteristics 12:55PM		construction of playback queue, which is provided in 1:35PM
l	that are put forth in the court's order.	15	the context of Claim 13 in the '615 patent, as a
16 17	Q My question is a little bit different.	16	list of one or more media items selected for
		17	
18	Did you at any point in your opening	18	playback.
19	report, can you point me to anywhere where you	19	However, as I also talk about in
20	stated that the court's construction of playback 12:55PM	20	Paragraph 112 of my reply report, my opinions would 1:35PM
21	queue required those four characteristics that you	21	remain the same under the exact construction of
22	identified in your rebuttal and reply reports?	22	playback queue provided in the context of Claim 13
23	A Again, as I mentioned a couple of times now,	23	in the '615 patent.
24	the characteristics that the court put forth in the	24	And that's because a POSITA would
25	order are contained in various places in my opening 12:55PM Page 143	25	understand that "multimedia content" is synonymous 1:35PM Page 145

### Case 3:20-cv-06754-WHA Document 863-3 Filed 09/05/23 Page 6 of 6 HIGHLY CONFIDENTIAL - ATTORNEYS' EYES ONLY

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	I, LYNNE M. LEDANOIS, a Certified Shorthand Reporter of the State of California, do hereby certify:  That the foregoing proceedings were taken before me at the time and place herein set forth; that a record of the proceedings was made by me using machine shorthand which was thereafter transcribed under my direction; that the foregoing transcript is a true record of the testimony given.  Further, that if the foregoing pertains to the original transcript of a deposition in a Federal Case, before completion of the proceedings, review of the transcript [] was [x] wasn't requested.  I further certify I am neither financially interested in the action nor a relative or employee of any attorney or party to this action.  IN WITNESS WHEREOF, I have this date subscribed my name.  Dated: February 4, 2023	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	Federal R&S Requested (FRCP 30(e)(1)(B)) – Locked .PDF Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections. The witness should then sign and date the errata and penalty of perjury pages and return the completed pages to all appearing counsel within the period of time determined at the deposition or provided by the Federal Rulesx_ Federal R&S Not Requested - Reading & Signature was not requested before the completion of the deposition.
	Page 290		Page 292
	NIMA HEFAZI, ESQ.		SONOS, INC. vs. GOOGLE LLC
	nimahefazi@quinnemanuel.com		DOUGLAS SCHMIDT (#5686109)
3	February 4, 2023	3	ERRATA SHEET PAGELINECHANGE
	RE: SONOS, INC. vs. GOOGLE LLC February 2, 2023, DOUGLAS SCHMIDT, JOB NO. 5686109	- 4	
	repruary 2, 2023, DOUGLAS SCHMIDT, JOB NO. 3080109		
		5	
6	The above-referenced transcript has been	5 6	REASON
6 7	The above-referenced transcript has been completed by Veritext Legal Solutions and	5 6 7	REASONPAGELINECHANGE
6 7 8	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:	5 6 7 8	REASONPAGELINECHANGE
6 7 8 9	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext	5 6 7 8 9	REASONPAGELINECHANGEREASON
6 7 8 9 10	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at	5 6 7 8 9 10	REASONPAGELINECHANGE
6 7 8 9 10 11	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.	5 6 7 8 9 10 11	REASONPAGELINECHANGE
6 7 8 9 10 11 12	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.  Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF	5 6 7 8 9 10 11 12	REASON
6 7 8 9 10 11 12 13	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.  Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF Transcript - The witness should review the transcript and	5 6 7 8 9 10 11 12 13	REASON
6 7 8 9 10 11 12 13 14	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.  Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF  Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included	5 6 7 8 9 10 11 12 13	REASON
6 7 8 9 10 11 12 13 14 15	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.  Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections.	5 6 7 8 9 10 11 12 13 14 15	REASON
6 7 8 9 10 11 12 13 14 15 16	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.  Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections. The witness should then sign and date the errata and penalty	5 6 7 8 9 10 11 12 13 14 15 16	REASON
6 7 8 9 10 11 12 13 14 15 16 17	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.  Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections. The witness should then sign and date the errata and penalty of perjury pages and return the completed pages to all	5 6 7 8 9 10 11 12 13 14 15 16 17	REASON
6 7 8 9 10 11 12 13 14 15 16 17 18	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows: Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office. Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF  Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections.  The witness should then sign and date the errata and penalty of perjury pages and return the completed pages to all appearing counsel within the period of time determined at	5 6 7 8 9 10 11 12 13 14 15 16 17 18	REASON
6 7 8 9 10 11 12 13 14 15 16 17 18 19	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.  Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections. The witness should then sign and date the errata and penalty of perjury pages and return the completed pages to all appearing counsel within the period of time determined at the deposition or provided by the Code of Civil Procedure.	5 6 7 8 9 10 11 12 13 14 15 16 17 18	REASON
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.  Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections. The witness should then sign and date the errata and penalty of perjury pages and return the completed pages to all appearing counsel within the period of time determined at the deposition or provided by the Code of Civil Procedure.  Waiving the CA Code of Civil Procedure per Stipulation of	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	REASON_ PAGELINECHANGE_  REASON_ PAGELINECHANGE_  REASON_ PAGELINECHANGE_  REASON_ PAGELINECHANGE_  REASON_ PAGELINECHANGE_
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows: Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office. Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF  Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections.  The witness should then sign and date the errata and penalty of perjury pages and return the completed pages to all appearing counsel within the period of time determined at the deposition or provided by the Code of Civil Procedure. Waiving the CA Code of Civil Procedure per Stipulation of Counsel - Original transcript to be released for signature	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	REASON
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows: Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office. Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF  Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections.  The witness should then sign and date the errata and penalty of perjury pages and return the completed pages to all appearing counsel within the period of time determined at the deposition or provided by the Code of Civil Procedure. Waiving the CA Code of Civil Procedure per Stipulation of Counsel - Original transcript to be released for signature as determined at the deposition.	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	REASON_ PAGELINECHANGE  REASON_ PAGELINECHANGE  REASON_ PAGELINECHANGE  REASON_ PAGELINECHANGE  REASON_ PAGELINECHANGE  REASON_ REASON_ REASON_ PAGELINECHANGE
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows:  Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office.  Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections. The witness should then sign and date the errata and penalty of perjury pages and return the completed pages to all appearing counsel within the period of time determined at the deposition or provided by the Code of Civil Procedure.  Waiving the CA Code of Civil Procedure per Stipulation of Counsel - Original transcript to be released for signature as determined at the deposition.  Signature Waived – Reading & Signature was waived at the	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	REASON
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	The above-referenced transcript has been completed by Veritext Legal Solutions and review of the transcript is being handled as follows: Per CA State Code (CCP 2025.520 (a)-(e)) – Contact Veritext to schedule a time to review the original transcript at a Veritext office. Per CA State Code (CCP 2025.520 (a)-(e)) – Locked .PDF  Transcript - The witness should review the transcript and make any necessary corrections on the errata pages included below, notating the page and line number of the corrections.  The witness should then sign and date the errata and penalty of perjury pages and return the completed pages to all appearing counsel within the period of time determined at the deposition or provided by the Code of Civil Procedure. Waiving the CA Code of Civil Procedure per Stipulation of Counsel - Original transcript to be released for signature as determined at the deposition.	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	REASON_ PAGELINECHANGE  REASON_ PAGELINECHANGE  REASON_ PAGELINECHANGE  REASON_ PAGELINECHANGE  REASON_ PAGELINECHANGE  REASON_ REASON_ REASON_ PAGELINECHANGE